

## Special Issue

# Reinforced Concrete Structures: Testing, Modelling and Assessment

### Message from the Guest Editors

It is widely acknowledged that reinforced concrete (RC) remains a core material in the building sector. However, now more than ever, modern societies are urged to think (again) about the challenges and enablers of this material, while facing demands for longer service lives and lower environmental footprints.

Motivated by this need, this Special Issue in Applied Sciences reports on scientific developments of RC applied to new and existing structures. Thus, we strongly encourage you to send manuscripts containing scientific findings in this field on the following topics: lab and field testing on structural members; non-destructive testing; innovative cementitious materials; metallic and non-metallic reinforcement; structural analysis and design; modelling time-dependent behavior and deterioration; stochastic modeling of loads and resistances; computational analysis; and safety and reliability assessment. Both theoretical and practice-oriented papers, including case studies and reviews, are also recommended. Special Issue Link: [journal/applsci/special\\_issues/Concrete\\_Testing](https://journal/applsci/special_issues/Concrete_Testing)

### Guest Editors

Prof. Dr. Marcus Ricker

Dr. Georg Kocur

Dr. Tânia Feiri

### Deadline for manuscript submissions

closed (20 November 2021)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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